ELSEVIER

Ecological Modeling 97 (1997) 253

ECOLOGICAL MODELLING

# Author index

## Volume 97 (1997)

Annan, J.D. 111
Artois, M. 23

Bal, T.J. 75
Bayar, A. 99
Benz, J. 141
Brozka, R.J. 75

Cooper, K. 59
Cottrell, T. 75
Cox, P.M. 217

Friedel, M. 197

Gilbert, J.R. 47
Gonzalez-Andujar, J.L. 117
González, E. 247
Grant, W.E. 87

Hao, D.-Y. 75
Huffaker, R. 59
Huntingford, C. 217

Jay Bai, T. 75

Kellomäki, S. 121
Kim, J.-H. 167
Kim, J.W. 167
Klooster, S. 179
Knorrenschild, M. 141

Langlais, M. 23

Loehle, C. 153

Marin, S. 87
Mukhallalati, L. 99

Potter, C. 179

Reckhow, K.H. 35
Riley, R. 179

Sluth, J.W. 87
Smith, J.P. 1
Soyupak, S. 99
Sparrow, A. 197
Stafford Smith, D.M. 197
Steinberg, L.J. 35
Stuth, J.W. 87
Suppo, C. 23
Svirejeva-Hopkins, A. 145
Svirezhev, Yu. 145

Te, T. 75
Teel, P.D. 87

Udevitz, M.S. 47

Välsänen, H. 121

Wolpert, R.L. 35

Yemişen, D. 99
Yurteri, C. 99

ELSEVIER

Ecological Modelling 97 (1997) 255–256

ECOLOGICAL MODELLING

# Subject index

## Volume 97 (1997)

Air pollutants, 167
*Ardea albus*, 1
*Avena sterilis*, 117

Bayes theorem, 35
Bears, 47
*Boophilus*, 87
Boreal forests, 121

Cattle grazing, 87, 197
Centralization; Centroid vector, 75
Chenopod shrublands, 197
Climate change, 121

Deep and large reservoirs, 99
Discrete modelling, 23

Environmental correlates, 1
Epidemic, 23
Equilibrium model, 247
Error analysis, 153

Fate and transport models; Hudson River, 35
Fecundity rate, 47
Foraging ecology, 1
Foxes, 23

Goodness-of-fit, 153
Great Egrets, 1

Hydrodynamic modelling, 99
Hypersphere, 75

Importance Value, 75
Ixodidae, 87

Lake Okeechobee, 1
Landsat MSS data, 197
Landscape patterns, 197
Leslie matrix, 47, 117
Livestock grazing economics, 59

Markov chain; Population dynamics, 117
Mixed model, 247
Model performance, 153
Model testing, 153
Modelling, 121
Multi-dimension space, 75
Multivariate instantaneous trend, 75
Multivariate time series, 75

Nesting ecology, 1
Neural networks, 217
Nitrogen trace gas, 179
Non equilibrium model, 247

Object-oriented modelling, 121
*Odobenus rosmarus*, 47
Oral vaccination, 23
$O_3$ effects, 167

Paradox of the plankton, 247
Parameter estimation, 35
Pasture rotation, 87
Phosphorus control, 99
Plant succession, 59
Polychlorinated biphenyl, 35
Population dynamics, 47
Population model, 1
Primary photosynthetic rate, 167
Process modeling, 179

*Quercus mongolica*, 167

Rabies, 23
Rangeland productivity, 197

SVAT modelling, 217
Seedbank movement, 117
Sensitivity analysis, 153
Similarity coefficient, 75

Simulation model, 167
Soil erosion, 197
Soil redistribution, 197
Soils, 179
Stage matrix, 47
Standardization, 75
State Vector, 75
Stomatal conductance, 217
Successional threshold, 59

Tick ecology, 87
Trend analysis, 75
Trend vector; Trend value, 75
Tropical forest, 179

*Ursus* spp., 47

Válidation, 153
Vector inverse, 75

Wading birds, 1
Walruses, 47
Water quality modelling; Eutrophication, 99